

## **STATEMENT OF WORK**

### **SENIOR-LEVEL INDUSTRIAL HYGIENE SUPPORT**

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Revision 0

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## **1.0 INTRODUCTION / BACKGROUND**

This contract is issued for the performance of **Senior-Level Industrial Hygiene Support** in support of Central Plateau Cleanup Company (CPCCo) work scope. CPCCo (Buyer) is a prime contractor to the Department of Energy (DOE) and all work on this Statement of Work will be performed in support of the Central Plateau Cleanup prime contract with DOE.

## **2.0 DESCRIPTION OF WORK – GENERAL**

- A. Contractor shall provide a single resource to support the Inner Area End States (IAES) Occupational Safety & Industrial Health (OS&IH) group by providing technical evaluation, input, review, and approval of work packages, and development of work package reference documents. This work will be based on professional technical experience gained through execution of work at similar U.S. Department of Energy plutonium, beryllium, and asbestos contaminated operational facilities, Deactivation, Decontamination, Decommissioning, and Demolition (D4) projects, and remediation projects.
- B. Contractor's resource shall be expected to perform and estimated 2,400 labor hours at the Buyer's facilities up to 30 hours per week from start date through 9/30/24.

## **3.0 DESCRIPTION OF WORK – SPECIFIC**

The work scope for this activity includes the following activities:

- A. Provide work planning support (work package development) to the Reduction and Oxidation (REDOX) risk reduction, Deactivation & Decommissioning (D&D) project, and other Inner Area End States (IAES) projects to ensure effective integration of worker protection features into operations, maintenance, construction, and demolition activities.
- B. Develop required beryllium documentation for all phases of work. All documents will be placed in the Site Wide Industrial Hygiene Database (SWIHD) and/or Integrated Document Management System (IDMS) as appropriate.
- C. Develop required asbestos documentation for all phases of asbestos characterization/abatement work including Industrial Hygiene Exposure Assessments (IHEA), Negative Exposure Assessments (NEAs), Industrial Hygiene Sampling Plans (IHSP), and Control Plans for Alternative Abatement Methods (i.e., the abatement of Class II Asbestos material during Demolition). All asbestos documents will be submitted for peer review and will be in full compliance with 29 CFR 1926.110, Asbestos, and CPCC-STD-SH-52894, Asbestos Controls. All documents will be placed in the SWIHD and/or IDMS as appropriate.

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- D. Develop required IHEA and IHSP for all industrial hygiene hazards (e.g., chemical, biological, noise, heat/cold, ergonomic) associated with all phases of work (e.g., inspections/walk downs, building characterization, pre-demolition removal of chemical/product systems, decontamination, demolition). All IHEAs and IHSPs will be submitted for peer review and will be in full compliance with CPCC-PRO-SH-17916, Industrial Hygiene Exposure Assessment. All IHEA and IHSP will be placed in SWIHD and/or IDMS as appropriate.

### 3.1 Task Description

The work products and services to be provided, including any specific Buyer standards and requirements, required for the successful completion of this work activity includes OS&IH support for IAES projects.

Successful completion of the following tasks will be documented in Weekly Activity Reports (reference Section 8.0 Deliverables).

#### 1) TASK 1. REDOX Work Planning Support

Develop, review, and submit for approval REDOX work packages. Work package approval includes participation in planning meetings and walk downs, development of work package reference documents (e.g., job hazard analysis, respiratory protection forms, industrial hygiene sampling plans, industrial hygiene exposure assessments, and heat stress assessments). The following work packages are planned for REDOX risk reduction and D&D.

1. Chemical Pipe Tap and Sample – Fiscal year 2023
2. Chemical Pipe Draining – Fiscal year 2023
3. Chemical Pipe Removal and Disposition – Fiscal year 2023
4. 211S Asbestos Abatement – Fiscal year 2023
5. 211S Tank Characterization – Fiscal year 2023
6. 211S Demolition – Fiscal year 2023
7. North/South Annex Asbestos Abatement – Fiscal year 2023
8. North/South Annex Hazmat Removal – Fiscal year 2023
9. Exhauster Startup and Testing – Fiscal year 2023
10. Exhauster System Tie-in – Fiscal year 2023
11. 5<sup>th</sup> Floor Silo Asbestos Abatement – Fiscal year 2024
12. Product Recovery (PR) Cage Dismantlement – Fiscal year 2024
13. PR Cage Characterization – Fiscal year 2024
14. PR Cage Piping and Equipment Removal and Size Reduction – Fiscal year 2024

#### 2) TASK 2. REDOX Abnormal Condition Response

During the course of risk reduction and D&D activities at REDOX abnormal conditions will arise due to abnormal odors, discovery of unknown materials, or a change legacy facility configurations or systems, or worker concerns. To address worker health and safety and

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procedural requirements immediate and rapid response is required when abnormal conditions occur. It is expected that this task is transient in nature.

#### **3) TASK 3. Industrial Safety and Industrial Hygiene Peer Reviews**

During risk reduction and D&D activities in Inner Area End States, project work planning requires subject matter experts to perform peer reviews on work package documentation. It is expected that a minimum of two (2) peer reviews will be conducted monthly for the period of performance. Peer reviews include a cycle of document review and comment disposition with the original document author.

#### **4) TASK 4. Review of Sampling and Monitoring Results**

During the course of performing the work associated with the REDOX risk reduction and D&D, there will be sampling, and monitoring conducted. The SWIHD entries that are generated will be required to be reviewed. It is anticipated that there will be 5-10 entries generated per week. There may be more depending on the work scopes that are performed.

#### **5) TASK 5. Mentoring of Junior Staff**

During the course of performing the work associated with REDOX risk and reduction and D&D, mentoring of junior staff will be required. It is expected that the junior staff will help prepare drafts of documents for work scopes and will participate in planning.

### **3.2 Acceptance Criteria**

- A. Work products and services provided shall meet all applicable Buyer procedures for control and review of work products and pertinent regulatory requirements, as required by this contract and incorporated provisions.
- B. All submittals and work products shall be accurate, legible, and reproducible. Before delivery, the Contractor shall review its work products, as applicable, for technical adequacy, completeness, and appropriate content.
- C. Deliverable shall be subject to approval by the Buyer's Technical Representative (BTR). The BTR will determine additional acceptance criteria or items to be resolved, as necessary.
- D. Deliverable shall comply with this Statement of Work (SOW) and will be reviewed against the CPCCo procedures (Note: Procedures may be revised, or new procedures added at the discretion of CPCCo) and project technical basis documents before acceptance.

### **3.3 Organizational Interfaces**

The Contractor shall interface with the Contract Specialist, the BTR and/or the IAES Environmental, Safety, Health and Rad Con (ESHR) Manager as designated.

### **3.4 Buyer Furnished Materials and Equipment**

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Buyer will furnish the following materials, equipment, and facilities at no cost to the Contractor for use in performing this work scope:

- Buyer will provide a fully-equipped turnaround office for onsite work.

#### **3.5 Site Conditions and Known Hazards**

The site conditions and/or known hazards are described specifically in each project Health and Safety Plan (HASP), the contractor is required to read and understand the requirements of the HASP prior to completing any field work.

#### **3.6 Site Coordination Requirements**

Contractor site coordination and interface requirements include the CPCCo Buyer's Technical Representative and the IAES ESHR Manager.

### **4.0 TECHNICAL REQUIREMENTS**

Contractor shall perform in accordance with the terms and conditions of this contract, Buyer's internal policies and procedures, and quality assurance provisions, including safety programs, laws, orders, permits, rules, confidentiality of information and intellectual property safeguards.

#### **4.1 Work Location**

On-site facilities will be available for use in 200 West Area, Building MO287 or other designated facilities provided by the BTR and/or IAES ESHR Manager.

#### **4.2 Access Requirements**

- Access will require individual to complete CPCCo's General Employee Training (CGET) or Hanford Site Orientation
- A CPCCo-issued security badge will be issued to the Contractor's resource. The security badge must be worn at all times while on the Hanford site.
- Hanford Local Area Network (HLAN) access for the purposes of retrieving/accessing Buyer procedures and documents is required and will be provided by Buyer.

### **5.0 PERSONNEL REQUIREMENTS**

The Contractor shall provide appropriately trained and qualified staff to perform the type of work associated with their skill of craft while performing services in support of the SOW Section 3.0 and 3.1.

Buyer will provide the resource training required (medically qualified) for respirator use, lead work, high noise work, radiological work, heat stressed environments, hazardous waste work, and beryllium work, which will require individual to enter Beryllium Controlled Area (BCA), Beryllium Regulated Area (BRA), and Demolished Beryllium Facility Site (DBFS) Boundaries at the Hanford Site.

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Buyer will provide Contractor's resource task-specific or facility-specific training as required for site and facility access and safe performance of assigned tasks. The following Hanford specific training is required for this task:

- a. Respirator Worker
- b. Lead Worker
- c. Hearing Conservation
- d. Rad Worker II
- e. Heat Stress
- f. 40-Hour HAZWOPER
- g. Beryllium Worker
- h. LOTO for Authorized Workers
- i. Asbestos Supervisor training
- j. AHERA Building Inspector training

### **5.1 Security and Badging Requirements**

- A. For any on site work, general site access badging is required or on-site work subject to the requirements identified in Special Provisions 5.
- B. Work does not require individuals to possess a security clearance.

### **5.2 Site Access and Work Hours**

Work shall be done on a 4 x 10 schedule. The standard workday consists of ten (10) hours of work between 6:00 AM and 4:30 PM, with one-half hour designated as an unpaid period for lunch. No work occurs on the non-working Fridays. If schedule alternative is required, Buyer's Technical Representative (BTR) will communicate to Contractor's point of contact.

### **6.0 ENVIRONMENTAL, SAFETY, HEALTH, AND QUALITY REQUIREMENTS**

The Contractor shall perform work safely, in a manner that ensures adequate protection for employees, the public, and the environment, and shall be accountable for the safe performance of work. The Contractor shall comply with, and assist Buyer in complying with, Environmental, Safety, Health, and Quality (ESH&Q) requirements of all applicable laws, regulations, and directives. Materials supplied or purchased for use in performance of this contract, to the maximum extent practical, shall be environmentally preferred as described in 40 CFR 247 and including Biobased products as designated by the USDA (see [www.biopreferred.gov](http://www.biopreferred.gov)). The project-specific ESH&Q requirements are applicable to this scope of work in addition to the requirements identified in the Contract General Provisions and, when work is being conducted on site, the additional ESH&Q requirements in Special Provisions – On Site Services (SP-5) should be followed.

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#### **7.0 MEETINGS AND SUBMITTALS**

##### **7.1 Meetings**

Contractor shall participate in meetings as directed by the BTR or the IAES ESHR Manager, either in person or remotely as deemed necessary.

##### **7.2 Weekly Activities Report**

- A. Contractor shall provide the BTR with a Weekly Activities Report identifying detailed work activities performed for the week/day, by hours worked and any detailed problems or issues in completing assigned work.
- B. Weekly Activities Reports shall be submitted to the BTR each week documenting the previous week's activities.
- C. Submission of Weekly Activities Reports is required until Contract work is completed.
- D. A Weekly Activity Report shall be submitted on weeks where no work has been done.

#### **8.0 DELIVERABLES, PROJECT CONTROLS, MILESTONES, AND PERFORMANCE SCHEDULE REQUIREMENTS**

- A. Documents – As described in section 3.1. Documents will be developed at the work site and will be incorporated into work packages, stand-alone documents, etc. All documentation and any response to abnormal odors will be documented in current systems utilized by CPCCo.
- B. Schedule – Contractor shall be responsible for the management of their work schedule in accordance with the Buyer's scope needs.